

Fuminori Toyasaki

Associate Professor
Faculty of Liberal Arts and Professional Studies
School of Administrative Studies
York University
4700 Keele St., Toronto, ON, Canada M3J 1P3
Tel: (416) 736-2100 ext. 20268
Email: toyasaki@yorku.ca

EDUCATION

University of Massachusetts Amherst Ph.D. in Business Administration ; Concentration in Management Science; Minor in Environmental and Resource Economics.	09/2005
Osaka University, Japan Master of Science, Economics	03/2000
Osaka University, Japan Bachelor of Science, Economics	03/1998
University of California, San Diego Exchange Student Program	09/1997 – 03/1998

EMPLOYMENT

School of Administrative Studies, York University, Toronto, Canada Associate Professor	07/2011 – present
Member of Graduate Programs in School of Administrative Studies (Disaster and Emergency Area), York University	07/2011 – present
School of Administrative Studies, York University, Toronto, Canada Assistant Professor	07/2007 – 06/2011
Desautels Faculty of Management, McGill University, Montreal, Canada Postdoctoral Research Fellow	09/2005 – 06/ 2007
Virtual Center for Supernetworks, University of Massachusetts Amherst (http://supernet.som.umass.edu/) Student Research Associate Involved in the mathematical modeling of green supply chain networks.	09/2001 – 08/2005

VISITING SCHOLAR

Visiting Researcher	07/2020 – 06/2021
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Information Systems and Operations, WU (Vienna University of Economics and Business),
Vienna, Austria (Sabbatical leave)

Graduate School of Business Administration Kobe University, **Visiting Researcher** 07/2018 – 08/2018

WU (Vienna University of Economics and Business), Vienna, Austria,
Visiting Researcher 06/2016 – 08/2016

International Institute for Applied Systems Analysis, Laxenburg, Austria
Risk, Policy and Vulnerability Program, **Visiting Researcher** 07/2013 – 06/2014
(Sabbatical leave)

AWARDS AND HONORS

2020 York University Research Leader 2021

Recognition for Excellence in Research, School of Administrative Studies,
York University in the 2019-2020 academic year 2020

Research Achievement Acknowledgement Letter from the Office of Dean 2020

Recognition for Excellence in Research, School of Administrative Studies,
York University in the 2018-2019 academic year 2019

Nominee for LA&PS Dean's Award for Excellence in Teaching 2019

Nominee for LA&PS Award for Distinction in Research, Creativity or Scholarship 2017

Recognition for Excellence in Research, School of Administrative Studies,
York University in the 2015-2016 academic year 2016

Recognition for Excellence in Teaching, School of Administrative Studies,
York University in the 2015-2016 academic year 2016

Beta Gamma Sigma 2005

RESEARCH AND TEACHING INTERESTS

Sustainable supply chain management, closed-loop supply chains, humanitarian logistics, medical and pharmaceutical supply chains, supply chain risk management, and data analysis of R&D partnerships

PROFESSIONAL MEMBERSHIPS

The Institute for Operations Research and the Management Sciences (INFORMS), Production and Operations Management Society (POMS), Japanese Economic Association (JEA).

SCHOLARLY AND PROFESSIONAL CONTRIBUTIONS

Articles in refereed journals

Toyasaki, F. and Wakolbinger, T. (2019) Joint fundraising appeals: allocation rules and conditions that encourage aid agencies' collaboration. *Decision Sciences*, 50 (3), 612-648. DOI <https://onlinelibrary.wiley.com/doi/abs/10.1111/dec.12341>

Burkart, C., Wakolbinger, T. and Toyasaki, F. (2018) Funds allocation in NPOs: the role of administrative cost ratios. *The Central European Journal of Operations Research*, 26 (2), 307-330. DOI 10.1007/s10100-017-0512-9.

Toyasaki F., Arikan E., Silbermayr L., and Falagara I. (2017) Disaster relief inventory management: horizontal cooperation between humanitarian organizations. *Production and Operations Management*, 26(6), 1221-1237. DOI: 10.1111/poms.12661.

Mochizuki J., Toyasaki F. and Falagara I. (2015). Simulation models for horizontal cooperation among humanitarian organizations in inventory management. *Journal of Natural Disaster Science*, 36 (2), 35-52.

Toyasaki F., Wakolbinger T. (2014). Impacts of earmarked private donations for disaster fundraising. *Annals of Operations Research*, 221(1), 427-447.

Wakolbinger T., Toyasaki F., Nowak T., Nagurney A. (2014). When and for whom would e-waste be a treasure trove? Insights from a network equilibrium model of e-waste flows. *International Journal of Production Economics*, 154, 263-273.

Toyasaki F., Daniele P., Wakolbinger T. (2014). A variational inequality formulation of equilibrium models for end-of-life products with nonlinear constraints. *European Journal of Operational Research*, 236 (1), 340-350.

Toyasaki F., Wakolbinger T., and Kettinger B. (2013). The value of information systems for product recovery management. *International Journal of Production Research*, 51 (4), 1214-1235.

Toyasaki F., Boyaci T., and Verter V. (2011). An analysis of monopolistic and competitive take-back schemes for WEEE recycling. *Production and Operations Management*, 20 (6), 805-823.

Alves J. C., Lovelace K. J., Manz C. C., Matsypura D., Toyasaki F., and Ke K. (2006). A cross-cultural perspective of self-leadership. *Journal of Managerial Psychology*, 21, 338-359.

Nagurney A. and Toyasaki F. (2005). Reverse supply chain management and electronic waste recycling: a multitiered network equilibrium framework for e-cycling. *Transportation Research Part E*, 41, 1-28. (ranked top 3 cited article in the last five years from 2009; http://www.elsevier.com/wps/find/journaldescription.cws_home/600244/description#description)

Nagurney A. and Toyasaki F. (2003). Supply chain supernetworks and environmental criteria. *Transportation Research Part D*, 8, 185-213.

Refereed proceedings

Nowak T., Toyasaki F., Wakolbinger T, and Ng D. (2014). Reverse logistics decision making for modular products: the impact of supply chain strategies. Lecture Notes in Management Science Vol. 6: 65–73, 6th International Conference on Applied Operational Research, Proceedings.

Refereed book chapters

Ghazanfari, M., Hakimifar, M., Wakolbinger, T., Toyasaki, F., Scenario-Based Multi-stage Disaster Preparedness Measurement Methodology for High Hazard Potential Regions, in Dynamics of Disasters Kotosireas I. S., Pardalos P.M, Nagurney A., Tsokas A. Editors, Springer Nature Switzerland AG, Switzerland. (in press)

Falagara Sigala I. and Toyasaki F. (2018). Prospects and bottlenecks of reciprocal partnerships between the private and humanitarian sectors in Cash Transfer Programming for humanitarian response, in Dynamics of Disasters—Algorithmic Approaches and Applications. Kotsireas I. S., Nagurney, A., Pardalos P. M. Editors, Springer Nature Switzerland AG, Switzerland, pp. 57-72.

Nowak T., Toyasaki F., and Wakolbinger T. (2018). The road towards a circular economy: the role of modular product designs in supply chains, in Innovative Solutions for Sustainable Supply Chains. H. Quadrat-Ullah, Editor, Springer Nature Switzerland AG, Switzerland, pp. 111-134.

Nagurney A, Cruz J., and Toyasaki F. (2008). Statics and dynamics of global supply chain networks with environmental decision-making, in Pareto Optimality, Game Theory and Equilibria. A. Chinchuluun, A. Migdalas, P. M. Pardalos, and L. Pitsoulis, Editors, Springer, Berlin, Germany, pp. 803-836.

Abstract published in conference proceedings

Toyasaki F., Boyaci T., and Verter V., An analysis of monopolistic and competitive take-back schemes for recycling, Japan Industrial Management Association, Tokyo, Japan, May 10-11, 2008, 214-215.

Invited book chapters

Wakolbinger T. and Toyasaki F. (2018). The impact of funding systems on humanitarian operations, in Humanitarian Logistics, 3rd edition, M. Christopher and P. Tatham, Editors, Kogan Page, London, UK, pp. 33-46.

Wakolbinger T. and Toyasaki F. (2011). The impact of funding systems on humanitarian operations, in Humanitarian Logistics, M. Christopher and P. Tatham, Editors, Kogan Page, London, UK, pp. 33-46.

Articles under revision

Sun H., Toyasaki F., and Falagara Sigara I., Incentivizing at-risk production capacity building for COVID-19 vaccines. *Production and Operations Management* (under second revision)

Boyaci T., Verter V., Toyasaki F., and Wojanowski R., Collection system design, strategy choice and financial incentives for product recovery. *Manufacturing & Service Operations Management*. (under second revision)

Working Papers

The impact of budget constraints on the interaction between fundraising and procurement decisions (with E. Arıkan and L. Silbermayr).

The role of the private sector in cash transfer programming of humanitarian response (with I. Falagara).

Refereed conference paper

Toyasaki F., Boyaci T., and Verter V., An analysis of monopolistic and competitive take-back schemes for WEEE recycling, MSOM Supply Chain Management SIG (Special Interest Group) Conference, Baltimore, Maryland, June 7, 2008.

Professional service

Guest Editor in Sustainability

A special issue on “Reverse Flow Management for End-of-Use and End-of-Life Relief Items in Disaster and Emergency Logistics: Sustainable Solutions from a Social, Ecological and Economic Perspective” is prepared for 2018 October-2019 October.

College of Sustainable Operations, Production and Operations Management Society (POMS)

Board member (secretary), 2012 – 2014

Board member (online editor), 2008 – 2012

College of Humanitarian Operations & Crisis Management, Production and Operations Management Society (POMS)

Referee of Best Paper Award Competition for the Humanitarian Operations & Crisis Management (HOCM) track, March 2013 – April 2017

Referee of 2018 POMS Wickham Skinner Teaching Award, March 2018 – April 2018

Ad-hoc referee

Journal of Operations Management, Management Science, Production and Operations Management, European Journal of Operational Research, Transportation Research Part B, Transportation Research Part E, Socio-Economic Planning Sciences, OMEGA, International Journal of Production Economics, International Journal of Production Research, Transportation Science, Nonprofit and Voluntary Sector Quarterly, OR Spectrum, Applied Mathematical Modeling, Annals of Operations Research, Asia Pacific Journal of Social Work and Development, Asia-Pacific Journal of Operations Management, Environmental Economics and Policy Studies, IBM R&D Journal, Journal of Economic Dynamics and Control, Journal of Industrial Ecology, Journal of the Operations Research Society of Japan, Sustainability, International Transaction in Operational Research.

Funding

NSERC Discovery Grant – Individual, Principal Investigator,
(Data Analysis of R&D Partnerships to Design a Decision Making Support
System for Use in Alliance Formation), 2021 – 2026 (\$ 155,000).

CIHR Canadian 2019 Novel Coronavirus (COVID-19) Rapid Research Funding, Principal Investigator,
(Countermeasure to supply chain disruptions in medical and pharmaceutical industries) (co-applicants A. Solis, A. Asgary and T. Wakolbinger), 2020-2022 (\$130,600).

YUFA Leave Fellowship Fund, Principal Investigator, (Incentive contract designs for humanitarian supply chains), 2020-2021 (\$7,635).

SSHRC Travel Fund, 2010 (\$5,000).

NSERC Discovery Grant – Individual, Principal Investigator, (An analysis of impacts of downstream infrastructure on environmentally friendly product design), 2009– 2015 (\$100,000).

Junior Faculty Fund, Principal Investigator, Atkinson Faculty of Liberal Arts and Professional Studies, York University, 2007 and 2008 (\$1,520).

Invited conference and workshop presentations (last eight years)

The impact of donors' behavior on aid agencies' operational decisions (with E. Arikan and L. Silbermayr), POMS Annual Meeting, 2019, Washington DC, May 3.

The impact of budget constraints on the interaction between fundraising and procurement decisions (with E. Arikan and L. Silbermayr), EURO Annual Meeting, Valencia, Spain, July 8, 2018; POMS Annual Meeting, 2018, Huston, May 6; IFORS 2017, Quebec, Canada, July 18, 2017.

Is lower always better? Shedding light on the debate about administrative cost-ratios for NPOs (with C. Burkart, T. Wakolbinger), Production and Operations Management Society (POMS) Annual Meeting, 2017 Seattle, Washington, May 7.

Disaster relief inventory management: horizontal cooperation between humanitarian organizations (with E. Arikan, I. S. Falagara, and L. Silbermayr), Production and Operations Management Society (POMS) Annual Meeting, 2016 Orland, Florida, May 8; European Conference on Operational Research (EURO) 2015 Glasgow, England, July 13; 2nd International conference on Dynamics of Disasters July 1, 2015, Kalamata, Greece; POMS 26th Annual Conference Washington D.C., May 8, 2015.

Funds allocation in NPOs: the role of administrative cost ratios (with C. Burkart, T. Wakolbinger, M. Fearon), Production and Operations Management Society (POMS) Annual Meeting, 2016 Orland, Florida, May 8; International Conference on Operations Research, Vienna, Austria, September 3, 2015.

Impacts of supply chain strategies on modular product designs in the context of reverse logistics (with T. Wakolbinger and T. Nowak), European Conference on Operational Research (EURO) 2015 Glasgow, England, July 14; POMS 26th Annual Conference Washington D.C., May 8, 2015.

Simulation models for horizontal cooperation among humanitarian organizations in inventory management (with J. Mochizuki and I. S. Falagara), European Conference on Operational Research (EURO) 2015 Glasgow, England, July 13.

Strategic decision-making about fundraising: comparison of competitive and joint fundraising (with T. Wakolbinger), The 5th conference of the International Society for Integrated Disaster Risk Management (IDRIM 2014), London, Canada, October 30, 2014.

When and for whom would e-waste be a treasure trove? Insights from a network equilibrium model of e-waste flows (with T. Wakolbinger, T. Nowak, and A. Nagurney), The European Consortium for Mathematics in Industry (ECMI), Recent advances on equilibrium problems with applications to networks, Taormina, Italy, June 9 – 13, 2014; IFORS 2014, Barcelona, Spain, July 14, 2014.

Reverse logistics decision making for modular products (with T. Nowak and T. Wakolbinger), 6th International Conference on Applied Operational Research, Vancouver, Canada, August 31; IFORS 2014, July 14, 2014.

A variational inequality formulation of equilibrium models for end-of-life products with nonlinear constraints (with P. Daniele and T. Wakolbinger), The European Consortium for Mathematics in Industry (ECMI), Recent advances on equilibrium problems with applications to networks, Taormina, Italy, June 9 – 13, 2014

Strategic decision-making about fundraising: comparison of competitive and joint fundraising (with T. Wakolbinger), INFORMS Annual Meeting, Minneapolis, October 6, 2013.

Reverse logistics strategies for modular products: an integrated view, (with T. Nowak and T. Wakolbinger), INFORMS Annual Meeting, Minneapolis, October 7, 2013.

An analysis of competition and coalition fundraising strategy for disaster relief operations (with Wakolbinger T.), Joint session SPPSN/MAS: Humanitarian logistics and disaster response III, INFORMS 2012, Annual Meeting, Phoenix, October 14 -17, 2012.

Variational inequality problems for end-of-life products with nonlinear constraints in economic network equilibrium models (with P. Daniele and T. Wakolbinger), Special Session: Variational Analysis and Equilibrium Problems, 9thAmerican Institute Mathematical Society (AIMS) Conference, Orlando, July 3 2012.

The value of information systems for product recovery management (with T. Wakolbinger and W. Kettinger), POMS Annual Meeting, Chicago, April 20-23, 2012.

The influence of technical, market, and legislative factors on e-waste flows (with T. Wakolbinger, A. Nagurney, and T. Nowak), International Closed-loop Supply Chain Conference, Paraninfo, Zaragoza, Spain, March 30-31, 2012; POMS Annual Meeting, Chicago, April 20-23, 2012; 9thAmerican Institute Mathematical Society (AIMS) Conference, Orlando, July 3 2012.

Green information systems for product recovery management (with T. Wakolbinger and W. Kettinger), INFORMS 2011 Annual Meeting, North Carolina, Charlotte, November 13-16, 2011.

Development of a virtual training system for transitional shelter management in second life (with A. Asgary, J. Reid, and A. Kong), Health and Humanitarian Logistics conference, A Unit of the Supply Chain and Logistics Institute, Georgia Tech Health & Humanitarian Logistics Center, March 3-4, 2011.

Collection system design, strategy choice and financial incentives for product recovery (with T. Boyaci V. Vedat, and R. Wojanowski), INFORMS 2010 Annual Meeting, Austin, Texas., November 7-10, 2010.
An analysis of fundraising strategies for disaster relief operations (with T. Wakolbinger), POMS conference 2010, Vancouver, May 7 – 10, 2010.

TEACHING EXPERIENCE

Undergraduate

York University, Toronto, Canada

School of Administrative Studies

ADMS 4704: Disaster and Logistics
ADMS 3351: Operations Management
ADMS 3331: Introduction to Operations Research
ADMS 3330: Introduction to Management Science
ADMS 3330: Quantitative Methods II
ADMS 3300: Decision Analysis
ADMS 2320: Quantitative Methods I

Supervisor of undergraduate Directed Reading Course (ADMS 4000) for Jia Yue (Summer 2011)

Supervisor of in-class projects of Disaster and Logistics (ADMS 4704) for:

Winter 2015

Boksa Melanie, Compbell Rachel, Mikulinski Emma, Steele Nicholas, Therien Mark, and Hanna Amgad.
“Compare and Contrast: Mississauga & Lac-Megantic Train Derailments”
Bisharat Ammar, Catuira Eliza, Chong Justin, Sandford Oliver, Szczyrba Damia, “Government vs. Public Humanitarian Support”
Sadasook Melisa, Yundi Chen, Krishna Kiruba, Chester Deng, Zubair Khawaja, and Carborough Phan,
“The 2009 L'Aquila Earthquake in Italy”

Winter 2016

Goldstein Mickey, Ramcharan Kevin, Visser Brian, “Failure of Logistics Models in Haiti”
Steigner Ross, Watson Brnadon, “Humanitarian Aid Logistics”

Winter 2017

Yide Li, Yawen Guo, Yiyang Liu, “Sichuan Earthquake”
Yaonan Cui, Yin Fu, “2004 Indian Ocean Tsunami”
Andrenacci Gabriel, Kannathas Sarugan, “2010 Haiti Earthquake”

Winter 2018

Tong Andy, Ferrier Patrick, “Waffle House in Hurricane Situation”
Atwani Rami, “Toyota’s Supply Chain Management in the East Japan Great Earthquake in 2011”

Department of Economics

Supervisor of undergraduate research project of Ng David (April 2013 – August 2014)

Faculty of Environmental Studies

Supervisor of undergraduate research project of Donghyun Kim (April 2012 – August 2013)

Graduate

York University, Toronto, Canada

Master of Science in Management Practice (Supply Chain Management Specialization)

GS/MSMG 6560 Supply Chain Risk Management

GS/MSMG 6570 Reverse Logistics & Closed-loop Supply Chains

Graduate Program in Disaster and Emergency Management

Supervising Postdoc Research Fellows: Hongmei Sun (The CIHR COVID-19 Rapid Research Fund) (May 2020 – present)

Supervising Postdoc Research Fellows: Ioanna Falagara Sigala (The CIHR COVID-19 Rapid Research Fund) (May 2020 – present)

Supervising Postdoc Research Fellows: Abigail Richard (The CIHR COVID-19 Rapid Research Fund) (May 2020 – April 2021)

Supervisor for Major Research Paper (MRP), “Inter-agency humanitarian logistics cooperation: exploring benefits and challenges,” of Abdullah Shah. (February 2011 – August 2011)

Schulich School of Business

Outside examiner for dissertation of Olga Kaminer, “Antecedents and outcomes of supplier environmental responsiveness.” (April, 2010)

EM Normandie Business School, Métis Lab, Le Havre, France

Co-supervisor (with Professors Ali Torabi and Nezhi. Altay) of Postdoctoral Research Fellow. Research project of Reza Alikhani (January 2019 – June 2019)

Universidad Nacional de Córdoba, Business Administration, Argentina

Co-supervisor (with Professor Enrique Carlos Bianchi) of Mariana Giovanardi’s dissertation, “Coordination devices to optimize the performance of the humanitarian logistics chain in the cases of disasters, emergencies and catastrophes in Argentina” (October 2018 – present)

Robert A. Foisie School of Business, Worcester Polytechnic Institute, USA

Co-supervisor (with Professor Sara Saberi) of Ebrahimi Bajgani Sahar’s dissertation (May 20, 2021–present)

International Institute for Applied Systems Analysis, Austria

Risk, Policy and Vulnerability Program

Supervisor for post-doctoral research of Junko Mochizuki (May 2014 – October 2015)

Vienna University of Economics and Business, Austria

Department of Information Systems and Operations

Co-supervisor (with Professor Werner Jammerneegg) for post-doctoral research of Emel Arıkan (April 2014 – August 2018)

Co-supervisor (with Professor Werner Jammerneegg) for post-doctoral research of Lena Silbermayr (April 2014 – August 2018)

Institute for Transport and Logistics Management

Co-supervisor (with Professor Tina Wakolbinger) for doctoral research of Ioanna Falagara, “Prospects and bottlenecks of reciprocal partnerships between the private and humanitarian sectors in Cash Transfer Programming for humanitarian response.” (November 2017 – June 2018)

Supervisor for doctoral research of Ioanna Falagara, “Disaster relief inventory management: horizontal cooperation between humanitarian organizations.” (April 2014 – August 2018)

Co-supervisor (with Professor Tina Wakolbinger) for doctoral research of Thomas Nowak (February 2010 – May 2016). Dissertation title: “Reverse logistics decision making under uncertainty: A producer’s perspective.”

Co-supervisor (with Professor Tina Wakolbinger) for doctoral research of Christian Bukart, “Funds allocation in NPOs: the role of administrative cost ratios.” (January 2014 – present)

Co-supervisor (with Professor Mehdi Ghazanfar and Professor Tina Wakolbinger) for doctoral research of Mohammadmehdi Hakimifar, “Scenario-based multi-stage disaster preparedness measurement methodology for high hazard potential regions.” (January 2015 – present)

The University of Newcastle, Australia

Faculty of Architecture and Built Environments

Supervisor for master research projects of Michael Fearon (November 2012 – February 2014), “The interaction between administrative cost ratios and NPOs’ operations”

Consulting to practitioners

The United Nations Humanitarian Response Depot (UNHRD), Brindisi, (January 2015 – April 2015), “Technical Report Disaster Relief Inventory Management: Horizontal Cooperation between Humanitarian Organizations.”

Courses taught at other institutions

University of Massachusetts Amherst
Department of Finance & Operations Management

FOMGT 347: Introduction to Operations Management (Fall 2004)
FOMGT 456: Management Science Applications (Spring 2004)
FOMGT 341: Transportation and Logistics (Fall 2003, Teaching Assistant)

Course/curriculum development

Supply Chain Risk Management (GS/MSMG 6560), Master of Science in Management (Supply Chain Management Focus)

Reverse Logistics & Closed-Loop Supply Chains (GS/MSMG 6570), Master of Science in Management (Supply Chain Management Focus)

Humanitarian Logistics and Operations Research (Winter 2015), Ph.D. program plan for Disaster and Emergency Area for ADMS, York University.

Humanitarian Logistics and Transportation (Winter 2009), Master of Science in Logistics Management course plan for ADMS, York University.

Reverse Logistics & Closed-loop Supply Chains in Transportation (Winter 2009), Master of Science in Logistics Management course plan for ADMS, York University.

Disaster and Logistics (Fall 2007 and Summer 2008), Undergraduate course plan for ADMS, York University.

Course release award

LA&PS Course Release Program (2021-22): 0.5 course release for research projects: Countermeasure to supply chain disruptions in medical and pharmaceutical industries.

YUFA Release-Time Teaching Fellowship (2021-22): 0.5 course release for course development project entitled “A PROJECT TO DEVELOP SUPPLY CHAIN RISK MANAGEMENT (GS/MSMG 6560) COURSE.”

LA&PS Course Release Program (2019-20): 0.5 course release for research projects

LA&PS Course Release Program (2016-17): 0.5 course release for research projects: Disaster relief inventory management: horizontal cooperation between humanitarian organizations.

LA&PS Course Release Program (2014-15): 0.5 course release for research projects: Strategic Decision-making about Fundraising: Comparison of Competitive and Joint Fundraising Modes.

YUFA Release-Time Teaching Fellowship (2011-12): 0.5 course release for course development project entitled “A project to develop a disaster and logistics course.”

LA&PS Course Release Program (2010-11): 0.5 course release for research projects: Roles of Interorganizational Information Systems in Closed-loop Supply Chains for WEEE; and Reverse Supply Chain Management and Electronic Waste Recycling with Hazardous Waste Disposal.

Seminar presentations

Procurement Strategies for COVID-19 Vaccines from the perspective of at-risk production capacity building. Supply Chain Challenges: Practical Insights from Emerging Research, May 28-29, 2021, York University.

Socially Sustainable Procurement Strategies for COVID-19 Vaccines from the perspective of at-risk production capacity building— what could have been done and what should be done? Doctoral Student Seminar, Vienna University of Economics and Business, Vienna, Austria, May 3, 2021.

Countermeasures to the supply chain disruptions associated with COVID-19 in the long term. Scholars' Hub @ York University – Alumni, York University, June 22, 2020.

Recent research on humanitarian logistics and its new directions. GMAP SESAMI Research Seminar Lecture Series, Graduate School of Business Administration Kobe University, Kobe, Japan, July 30-31, 2018.

Introduction into main theories in sustainable transportation logistics, Johannes Kepler University Linz, Linz, Austria, April 10, 2017.

Disaster relief inventory management: horizontal cooperation between humanitarian organizations, 10th Seminar on Supply Chain Risk Management Forum, Tokyo Metropolitan University, July 22, 2016;

Research project presentation to the chief of the United Nations Humanitarian Response Depot (UNHRD), Brindisi, Italy, July 8, 2016.

Recent trends of research in humanitarian logistics and introduction of humanitarian logistics course, Nihon University, Tokyo, Japan, March 25, 2014.

Impacts of the East Japan Earthquake on commercial supply chains, Workshop: supply chain disruptions caused by natural disasters, 18th International Symposium on Logistics, Vienna, Austria, July 7- July 10, 2013.

Impacts of fundraising systems on humanitarian operations, Research seminar at DeGroot School of Business, McMaster University, February 21, 2013; Research Seminar at IIASA, Laxemburg, Austria July 8, 2013.

Introduction to humanitarian logistics and reverse logistics, Shin-kanrinmaru Project (joint workshop with University of California Berkley, Stanford University, and Osaka University), Osaka University San Francisco Center, October 28, 2012.

Green Inter-organizational IS for Product Recovery Management (with T. Wakolbinger and W. Kettinger), MIS Colloquium, Fogelman College of Business and Economics, Memphis, February 4, 2011.

Earmarking of private donations for disaster relief projects: a quantitative analysis of its impact (with T. Wakolbinger), SAS Brown Bag Research Forum, April 8, 2010.

An analysis of monopolistic and competitive take-back schemes for WEEE recycling (with T. Boyaci and V. Verter), Rotman School of Management, University of Toronto, March 7, 2008.

A unified complex network framework for environmental decision-making with applications to green logistics and electronic waste recycling, Faculty of Management, McGill University, May 24, 2005.

Design for global sustainability, UMASS Amherst Operations Research / Management Science Seminar Series, March 25, 2005.

SERVICE

To the Area, School, and University

International Committee in SAS	07/2021 – present
Area Coordinator for Decision Sciences, School of Administrative Studies (student advising, leadership hiring part-time instructors, course planning and curricular changes, conjunction with the Director, advising the Undergraduate Coordinator on curriculum reforms and changes)	07/2018– 06/2020
Tenure and Promotion File Preparation Committee in SAS for Full Professor (Dr. Adriano Solis)	07/2018– 09/2019
Course Coordinator for ADMS 3330 Fall 2008 – Fall 2018 (decision on curriculum, coordination of 6 -10 sections, 1-5 part time professor and 2-3 full time professors)	
Communication Committee in SAS	07/2017 – present
Member of Master of Science in Management plan for York University's new Markham Campus (expected to be operational by Fall 2020)	07/2016 – present
Tenure and Promotion Committee in SAS	01/2015 – 06/2017
Research Committee in SAS	07/2015 – 06/2016
Tenure and Promotion Committee in SAS	07/2014 – 06/2015
Tenure and Promotion File Preparation Committee in SAS for Full Professor (Dr. David Etkin and Dr. You-Ta Chuang)	07/2014 – 07/2018
Research Coordinator in SAS	07/2012 – 09/2013
Communication Committee in SAS (Chair)	07/2012 – 06/2014
Tenure and Promotion File Preparation Committee in SAS for Associate Professor (Dr. Peng Songlan)	2010
Tenure and Promotion Committee in SAS	07/2009 – 06/2010
Member of Adjudication Committee for promotion in SAS	11/2008